



SAS Superstructure

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:10 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 518 Const Calendar Day: 296 Date: 27-Mar-2013 Wednesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 06:15 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:

Diary:

Dispute

Split Collars

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Re-installation of elastomeric collar at PPs 108N & 110N
- Painting of suspender ropes & main Cable
- Minor Cable punch-list work

Today I was inspecting Mike Draper's crew on installation of split collars & elastomeric collars & other misc punch-list items.

- At 07:00, I arrived at the pier-7 office, & arrived at the bridge at 07:40. At this time, Mike's crew was working on chasing threads on suspender socket set screws at PP 64S.
- At 08:30, I received a phone call from Roman Granados informing me that they plan to start work on re-installing elastomeric collars at PPs 108 & 110.
- From 08:30, until the end of the shift, 2 iron-workers (Thad Booker & Mario Anguiano) were working on elastomeric collars at PP 108N & PP 110N. I spent the rest of the shift inspecting this work. See below for details of the work.

Removing & re-installing elastomeric collars at PP 108N:

- They removed & re-installed one elastomeric collar (on the outboard-downhill rope) at PP 108N.
- The nuts on the rod were removed, & then the front half of the split collar was removed.
- The position of the suspender rope was shifted with the use of small jacks to get clearance for removing the elastomeric collar. - Note: Softeners were used between the jacks & the suspender rope. See attached photo.
- The elastomeric collar was removed. I inspected it, & both halves were in good condition.
- A new elastomeric collar was prepped for installation. The faces between the 2 halves were primed with acid prior to placing the adhesive.
- The back half of the elastomeric collar was installed.
- Adhesive was applied to the faces between halves of the elastomeric collar.
- The front half of the elastomeric collar was installed. - Note: zip ties were installed around the top of the elastomeric collar to hold them together while the adhesive sets.
- The front half of the split collar was installed.
- New nuts were installed on the rod, & the nuts were tightened slightly. They were only tightened enough to hold the halves of the elastomeric collar tighter without squeezing too hard to possibly interrupt the adhesive between the halves.
- Blocking was placed in the areas of the jacks to maintain the position of the suspender rope while the adhesive cures.



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Wright, Doug

Diary #: 518

Date: 27-Mar-2013 Wednesday

Removing & re-installing elastomeric collars at PP 110N:

- They removed & re-installed one elastomeric collar (on the outboard-downhill rope) at PP 110N.
- The nuts on the rod were removed, & then the front half of the split collar was removed.
- The position of the suspender rope was shifted with the use of small jacks to get clearance for removing the elastomeric collar. - Note: Softeners were used between the jacks & the suspender rope.
- The elastomeric collar was removed. I inspected it, & found a split in one half of it. This was in the area where the collar is compressed because the position of the suspender rope squeezed hardest against it in this area. See attached photo.
- A new elastomeric collar was prepped for installation. The faces between the 2 halves were primed with acid prior to placing the adhesive.
- The back half of the elastomeric collar was installed.
- Adhesive was applied to the faces between halves of the elastomeric collar.
- The front half of the elastomeric collar was installed. - Note: zip ties were installed around the top of the elastomeric collar to hold them together while the adhesive sets.
- The front half of the split collar was installed.
- New nuts were installed on the rod, & the nuts were tightened slightly. They were only tightened enough to hold the halves of the elastomeric collar tighter without squeezing too hard to possibly interrupt the adhesive between the halves.
- Blocking was placed in the areas of the jacks to maintain the position of the suspender rope while the adhesive cures.
- At 17:00, I left the bridge.
- From 17:10 until 17:45, I spoke with Warren Collins regarding the elastomeric collar removal & installation today. I brought the old elastomeric collar from PP 110N to show him the area of the collar that split under the compression of the suspender rope pressing hard against it.
- From 17:45 until 18:15, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	AARON DAVID	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	MARIO ANGUIANO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker		THADDEUS BOOKER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JAMES MIRANDA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



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Wednesday



Final installed elastomeric collar at PP 110N



Split in the old elastomeric collar at PP 110N



Final installed elastomeric collar at PP 108N



Jacking on suspender rope to make clearance for elastomeric collar removal & re-installation at PP 108N